

## HikCentral-P-VET/HW5B/32 Tower VMS Server



- The tower workstation combines powerful functions with a compact design, which can be used as a server and control client at the same time
  - 1) Four-screen independent output for efficient management
  - 2) Integrated GPU supports great decoding capability
- All-in-one software and hardware, no activation required, easy delivery and reliable service.
  - 1) Guaranteed compatibility: Tested by professional testing team to ensure stable operation
  - 2) Reliable after-sales service: 24/7 platinum after-sales service

## ▪ Specification

| Model                        |  | HikCentral-P-VET/HW5B/32   |
|------------------------------|--|--|
| <b>Devices and Resources</b> | Video Management                             | 32ch by default,can be expanded into 128ch (Including ANPR Cameras and Cameras with Face Capture Function) |
|                              | Access Controls                              | 4ch by default,can be expanded into 16ch (Including Doors and Outdoor Station)                             |
|                              | ANPR Cameras                                 | Not included,can be expanded into 16ch   |
|                              | Cameras with Face Capture Function           | Not included,can be expanded into 16ch   |
| <b>Performance</b>           | Storage of Events or Alarms without Pictures | 10/s   |
|                              | Events or Alarms Sent to Clients             | 10/s, 10 Client/s (Including Control Clients and Mobile Clients )  |
|                              | Picture Storage                              | 10/s (Including event/alarm pictures, face pictures, and vehicle pictures)                                 |
|                              | Vehicle Passing Frequency in Each Lane       | 1 Vehicle/s  |
|                              | Data Retention Period                        | Stored for 6 Months  |
| <b>Decoding Performance</b>  | 4CIF (704*576)/H.264/1024 kbps * 30 fps      | Maximum Hardware Decoding Channels : 62<br>Maximum Software Decoding Channels : 42                         |
|                              | 4CIF (704*576)/H.265/512 kbps * 30 fps       | Maximum Hardware Decoding Channels : 62<br>Maximum Software Decoding Channels : 42                         |
|                              | 720P (1280*720)/H.264/2048 kbps * 30 fps     | Maximum Hardware Decoding Channels : 42<br>Maximum Software Decoding Channels : 24                         |
|                              | 720P (1280*720)/H.265/1024 kbps * 30 fps     | Maximum Hardware Decoding Channels : 42<br>Maximum Software Decoding Channels : 24                         |
|                              | 1080P (1920 × 1080)/H.264/                   | Maximum Hardware Decoding Channels : 32<br>Maximum Software Decoding Channels : 16                         |

|                                |  |  |
|--------------------------------|--|--|
|                                | 4096 kbps *<br>30 fps                                |  |
|                                | 1080P (1920 × 1080)/H.265/<br>2048 kbps *<br>30 fps  | Maximum Hardware Decoding Channels : 32<br>Maximum Software Decoding Channels : 16   |
|                                | 4 MP (2560 × 1440)/H.264/<br>8192 kbps *<br>30 fps   | Maximum Hardware Decoding Channels : 24<br>Maximum Software Decoding Channels : 10   |
|                                | 4 MP (2560 × 1440)/H.265/<br>4096 kbps *<br>30 fps   | Maximum Hardware Decoding Channels : 24<br>Maximum Software Decoding Channels : 10   |
|                                | 8 MP (3840 × 2160)/H.264/<br>16384 kbps *<br>30 fps  | Maximum Hardware Decoding Channels : 12<br>Maximum Software Decoding Channels : 5  |
|                                | 8 MP (3840 × 2160)/H.265/<br>8192 kbps *<br>30 fps   | Maximum Hardware Decoding Channels : 12<br>Maximum Software Decoding Channels : 5  |
|                                | 6 MP (2560 × 2560)<br>/H.264/12288<br>kbps * 30 fps  | Maximum Hardware Decoding Channels : 18<br>Maximum Software Decoding Channels : 8  |
|                                | 6 MP (2560 × 2560)<br>/H.265/6144<br>kbps * 30 fps   | Maximum Hardware Decoding Channels : 18<br>Maximum Software Decoding Channels : 8  |
|                                | 12 MP (4000 × 4000)/H.264/<br>16384 kbps *<br>20 fps | Maximum Hardware Decoding Channels : 10<br>Maximum Software Decoding Channels : 4  |
|                                | 12 MP (4000 × 4000)/H.265/<br>8192 kbps *<br>20 fps  | Maximum Hardware Decoding Channels : 10<br>Maximum Software Decoding Channels : 4  |
| <b>Hardware Specifications</b> | CPU  | Ultra 5 235<br>Total Cores: 14 (Performance-cores: 6; Efficient-cores: 8)<br>Total Threads: 14<br>Max Turbo Frequency: 5 GHz |
|                                | Memory   | 2 × 8GB<br>Support 8GB/16GB/32GB, DDR5<br>Slots: 4 x DDR5 slots, supports 4 x 32 GB MAX                                      |
|                                | Hard Disks   | 1TB M.2 SSD  |

|         |                                |   |
|---------|--------------------------------|---|
|         |                                | Support 256GB/ 512GB/ 1TB/2TB M.2 NVMe SSD<br>Support 2TB 7200RPM/ 4TB 5400RPM 3.5-inch SATA HDD<br>Slots: 1 x 3.5-inch SATA HDD slot   |
|         | Supported Operating Systems    | Win11 IoT   |
|         | Graphic Card                   | Integrated Graphic  |
|         | PCIe Slots                     | 1 half-height Gen4 PCIe x16 slot<br>1 half-height Gen3 PCIe x4 slot<br>1 half-height Gen3 PCIe x1 slot  |
| Ports   | Front Ports                    | 1 USB 2.0 (480 Mbps) port<br>1 USB 2.0 (480 Mbps) port with PowerShare<br>1 USB 3.2 Gen 2 (10 Gbps) port<br>1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port<br>1 global headset jack   |
|         | Rear Ports                     | 2 x USB 2.0 (480 Mbps) ports with SmartPower On<br>3 x USB 3.2 Gen 1 (5 Gbps) ports<br>1 x USB 3.2 Gen 2 (10 Gbps) Type-C port<br>1 x HDMI 2.1, up to 5120 x 3200 @60Hz<br>3 x DisplayPort™ 1.4a (HBR3) ports up to 5120 x 3200 @ 60Hz<br>1 x RJ45 (1GbE) Ethernet port |
| General | Net Weight                     | 5.63 kg (12.42 lb)  |
|         | Gross Weight                   | 6.72 kg (14.81 lb)  |
|         | Dimension (W × H × D)          | 92.60 mm × 290.00 mm × 292.80 mm (3.65" × 11.42" × 11.53")  |
|         | Package Dimensions (W × H × D) | 394.00 mm × 264.00 mm × 487.00 mm (15.51" × 10.39" × 19.17")  |
|         | Operating Temperature          | 5 °C to 45 °C (41 °F to 113 °F)   |
|         | Storage Temperature            | -40 °C to 70 °C (-40 °F to 158 °F)  |
|         | Operating Humidity             | 20% to 80% (no condensation)  |
|         | Storage Humidity               | 5% to 95% (no condensation)   |
|         | Power Supply                   | 300 W PSU, 92% Energy efficiency, 80 Plus Platinum  |
|         | Form Factor                    | Tower SFF   |

### ▪ Available Model

HikCentral-P-VET/HW5B/32

### ▪ Dimension



# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

